

Work Order ID 83584

April-19-12 3:49:25 PM

83584

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Item ID: D3456-1

Revision ID:

Item Name: Washer

Start Date: 19/04/2012 Start Qty: 60.00

Required Date: 03/05/2012 Req'd Qty: 60.00

Reference:

Accept

N900040100

Setup Start ***NS1***

Stop ***NS2***

Cust Item ID:

Customer:

Approvals: Process Plan: MLJ Date: 12/04/19

QC: Date: SPC (Y/N):

Date:

Date:

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
----------	--------------

D3456	Rev A
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100	PURCHASING	0.00
-----	------------	------

100

Purchasing

Memo

0.00

Purchasing

Issue P/O: 16781 P/N: 91525A120 per Dwg D3456Possible
Supplier: McMaster-CarrMaterial release note is required

CL 12/04/20 100

110	Receive & Inspect for Damage & Mat'l Certs	0.00
-----	--	------

110

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

CL 12/4/23 (100)

120	QC6- Inspect dimensions to drawing	0.00
-----	------------------------------------	------

120

QC

Memo

0.00

Quality Control

8/7/24

CL 100
asp49

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 83584

83584

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Item ID: D3456-1

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Washer

Stop ***NS2***

Start Date: 19/04/2012 Start Qty: 60.00

60

Cust Item ID:

Required Date: 03/05/2012 Req'd Qty: 60.00

60

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

Identify as per dwg & Stock Location:

84

0.00

130

Packaging

Memo

0.00

Packaging

100x 12-4-24 SP

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

12/4/25

1204-24

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 83584

83584

Parent Item: D3456-1

D3456-1

Parent Item Name: Washer

Start Date: 19/04/2012

Required Date: 03/05/2012

Start Qty: 60.00

Required Qty: 60.00

Comments: IPP A05.10.03New issueKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
91525A120		Purchased	No			100	Each	0.0000	1	60 100			
91525A120									**				
washer													

Rec'd 4/23/12 (100)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

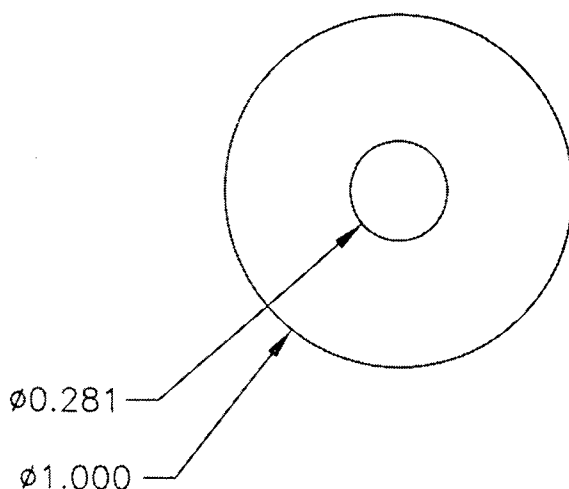
NOTE: Date & initial all entries



DESIGN CP	DRAWN BY CP	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED H	APPROVED H	DRAWING NO. D3456	REV. A SHEET 1 OF 1
DATE 05.09.01		TITLE WASHER	SCALE 2:1
A	05.09.01	NEW ISSUE	

RELEASED
05.09.06 H

SPECIFICATION CONTROL DRAWING



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 82584 M15
12/04/19

D3456-1 WASHER

- 1) MATERIAL: 316 STAINLESS STEEL, 0.050" THICK
- 2) MAY PURCHASE McMASTER-CARR P/N 91525A120
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO16781

Purchase Order Date 4/20/12

PO Print Date 4/20/12

Page Number 1 of 2

Order From :

VU-MCM001

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Contact Name

Vendor Phone

330 995 5500

Vendor Fax

330 995 9600

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	92311A599	SET SCREW	4/24/12 Yes	250.00 Each	FedEx PI collect	\$0.2248	\$56.20
2	91525A120	washer	Special Inst: AS PER DWG D2712 REV. B B83559 4/24/12 Yes	100.00 Each	FedEx PI collect	\$0.2664	\$26.64
3	95606A170	Washer	Special Inst: AS PER DWG D3456 REV. A B83584 4/24/12 Yes	400.00 Each	FedEx PI collect	\$0.0650	\$26.00
4	2063K19 6X6X1 FILTERS		Special Inst: AS PER DWG D3631 REV. A B83588 4/24/12 Yes	1.00 Each	FedEx PI collect	\$35.5300	\$35.53

Change Nbr: 1

Change Date: 4/20/12

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO16781

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McMaster-Carr Number
3941898-01

04/20/2012

Line	Description	Ordered	Shipped
2	91525A120 Type 316 Stainless Steel Large-Diameter Flat Washer, 1/4" Screw Size, 1" OD, .04"-.06" Thick, Packs of 25, 1 Pk = 25 Ea	4 Packs	4
	Unit Price:	\$6.66	
	Extended Price:	\$26.64	
1	92311A599 Type 18-8 Stainless Steel Cup Point Socket Set Screw, 5/16"-24 Thread, 5/8" Length, Packs of 50, 1 Pk = 50 Ea	5 Packs	5
	Unit Price:	\$10.06	
	Extended Price:	\$50.30	
3	95606A170 Nylon 6/6 General Purpose Flat Washer, Off-White, 7/16" Screw Size, .69" OD, .02"-.04" Thickness, Packs of 100, 1 Pk = 100 Ea	4 Packs	4
	Unit Price:	\$7.48	
	Extended Price:	\$29.92	

A82				
2 - 703 - 02	08-79	A120	4PK	2
2 - 696 - 09	45-83	A599	5PK	1
2 - 623				3

Drake/24

Dart Aerospace Ltd

EXP
INV
NAFTA



7 lbs
5 lines

Lg

25x12x12

FW1WBP24
04/20/2012
13:26/14:32
490
Cycle 47

1140352947970

